

WHAT IS CLAIMED IS:

1. A stamper module for optical disk replicating equipment, comprising:

a first platen configured for attaching a stamper and a second platen configured for attaching a disk to be stamped; and

means for dynamically orienting the first platen and second platen into parallel during
5 stamping of the disk.

2. A stamper module for optical disk replicating equipment, comprising:

a first platen;

a second platen; and

a ball joint swivably connected with the first platen such that the ball joint swivels to
5 orient the first platen parallel with the second platen during a stamping operation.

3. The stamper module in accordance with claim 2, wherein the first platen is configured for attaching a stamper.

4. The stamper module in accordance with claim 2, wherein the second platen is configured for attaching a disk.

5. The stamper module in accordance with claim 4, wherein the disk includes a polymer coating which is deformable during the stamping operation.

6. The stamper module in accordance with claim 5, wherein the polymer coating has a thickness between 100nm and 200nm.

7. The stamper module in accordance with claim 2, further comprising:

a pressure train configured to move the first and second platens toward each other during the stamping operation.

8. The stamper module in accordance with claim 7, wherein the pressure train is configured to produce stamping pressure between 5-15Mpa during the stamping operation.

9. A stamper module for optical disk replicating equipment, comprising:

a first platen having a first surface;

a second platen having a second surface, the first and second surfaces arranged opposed to one another;

a ball joint connected with the first platen at a portion opposite the first surface;

a pressure train configured to bring the first and second surfaces towards one another during a stamping operation; and

wherein the ball joint swivels during a stamping operation to orient the first and second surfaces parallel to one another.

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10. The stamper module in accordance with claim 9, wherein the first platen is configured for attaching a stamper.

11. The stamper module in accordance with claim 9, wherein the second platen is configured for attaching a disk.

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12. The stamper module in accordance with claim 11, wherein the disk is a blank compact disk having a polymer coating, said coating having a thickness between 100nm and 200nm.
13. The stamper module in accordance with claim 12, wherein the polymer coating comprises polymethylmethacrylate.
14. The stamper module in accordance with claim 9, wherein the ball joint comprises a ball having a radius of approximately 20 inches.
15. The stamper module in accordance with claim 9, wherein the pressure train is configured to produce a pressure between 5 - 15 Mpa during a stamping operation.
16. The stamper module in accordance with claim 9, wherein the pressure train is configured to move the second platen toward a stationary first platen.
17. The stamper module in accordance with claim 9, wherein the disk replicating equipment is configured to replicate disks formatted in one of DVD, CD-ROM, ISO-9660, CD-DA, CD-I and CD-V.
18. The stamper module in accordance with claim 9, wherein the ball joint include an adjustable tension setting.
19. The stamper module in accordance with claim 9, wherein a tension setting of the ball joint permits the swiveling to occur prior to completion of the stamping operation.

20. The stamper module in accordance with claim 9, wherein the ball joint is centrally located with respect to the first platen.

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